

Title (en)
APPARATUS FOR ANALYZING BATTERY CASE

Title (de)
VORRICHTUNG ZUR ANALYSE EINES BATTERIEGEHÄUSES

Title (fr)
APPAREIL D'ANALYSE DE BOÎTIER DE BATTERIE

Publication
EP 4220111 A1 20230802 (EN)

Application
EP 22849850 A 20220726

Priority
• KR 20210100278 A 20210730
• KR 2022010954 W 20220726

Abstract (en)
The present invention provides an apparatus for analyzing a battery case, the apparatus comprising: a sealing part having a gas injection flow path and a vacuum forming flow path; a gas injection line connected to the inlet of the gas injection flow path; a vacuum forming line connected to the outlet of the vacuum forming flow path; a gas supply part for injecting a gas into the battery case; and a vacuum pump for forming a vacuum in a vacuum forming groove..

IPC 8 full level
G01L 19/00 (2006.01); **G01L 17/00** (2006.01); **H01M 50/105** (2021.01)

CPC (source: EP KR US)
G01L 17/00 (2013.01 - EP KR); **G01L 19/0007** (2013.01 - EP KR); **G01M 3/3209** (2013.01 - EP US); **G01M 3/3218** (2013.01 - EP US); **G01M 3/3272** (2013.01 - EP US); **G01M 3/329** (2013.01 - EP); **H01M 6/5083** (2013.01 - EP); **H01M 10/04** (2013.01 - EP); **H01M 10/42** (2013.01 - EP); **H01M 10/4228** (2013.01 - EP US); **H01M 10/4285** (2013.01 - EP US); **H01M 50/105** (2021.01 - EP KR); **H01M 50/105** (2021.01 - US); **Y02E 60/10** (2013.01 - EP)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4220111 A1 20230802; **EP 4220111 A4 20240306**; CN 116583726 A 20230811; JP 2023551655 A 20231212; JP 7520452 B2 20240723; KR 20230018562 A 20230207; US 2023420748 A1 20231228; WO 2023008874 A1 20230202

DOCDB simple family (application)
EP 22849850 A 20220726; CN 202280007690 A 20220726; JP 2023530050 A 20220726; KR 20210100278 A 20210730; KR 2022010954 W 20220726; US 202218035473 A 20220726